GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3619
ANSWERED ON:07.12.2016
Exploring New Celestial Bodies
Chandel Kunwar Pushpendra Singh

Will the Minister of SPACE be pleased to state:

(a) whether the Government has prepared any proposal for discovery of new celestial bodies and life on other planets;
(b) if so, the details thereof;
(c) whether the Government proposes to promote new research projects on space science;
(d) if so, the details thereof; and
(e) the details of funds spent and techniques patented in space sector during the last three years?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) No Madam. ISRO has not prepared any proposal for discovery of new celestial bodies and life on other planets.

(b) Does not arise.

(c) Yes Madam.

(d) ISRO is working on two Space Science projects namely Aditya-L1 and X-ray Polarimeter satellite (XPoSAT). Aditya-L1 mission is aimed at studying the Sun from a halo orbit around the Sun-Earth Lagrangian point 1 (L1), which is about 1.5 million kilometers from the Earth. It carries seven payloads to observe the photosphere, chromosphere and the outermost layers of the Sun, the corona in different wavebands. XPoSAT is the first satellite devoted for X-ray polarization studies of celestial sources.

(e) The details of funds spent in the space sector during the last three years is given below:
(Rs. in crores)

Financial Year	2013-14	2014-15	2015-16
Amount Spent	5168.95	5823.45	6920.00

The details of patents filed and granted during last three years are given below:

Financial Year	Patents Filed	Patents Granted
2013-14	19	2
2014-15	13	12
2015-16	25	15

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